

CLAIMS

1. A run flat tire wheel assembly comprising a run flat support member formed by a ring-shaped metal shell and rubbery elastic members in an inside cavity of a tire/rim, wherein said rubbery elastic member comprises a rubber composition comprising (A) 100 parts by weight of a diene-based rubber and (B) (i) 0.1 to 5 parts by weight of cobalt acetyl acetonate and/or (B) (ii) (a), as a reinforcing filler, 40 to 90 parts by weight of carbon black/silica in a ratio of 10/1 to 1/2 (weight ratio) and (b) 1 to 20% by weight, based upon the weight of said silica, of a silane coupling agent, whereby the bondability between the ring-shaped metal shell and the rubbery elastic members is improved.
2. A tire wheel assembly as claimed in claim 1, wherein the component (B) (ii) of the rubber composition further comprises (c) 1 to 10 parts by weight of sulfur, based upon 100 parts by weight of diene-based rubber.
3. A tire wheel assembly as claimed in claim 1 or 2, wherein the rubbery elastic members of the run flat support member are arranged between the ring-shaped metal shell and the rim and have a structure for supporting the ring-shaped metal shell.
4. A tire wheel assembly as claimed in any one of claims 1 to 3, wherein the new material of the ring-shaped metal shell is steel or stainless steel.
5. A tire wheel assembly as claimed in any one of claims 1 to 4, wherein, when the nominal radius of the tire is R (inch) and the contact area of the rubbery elastic member/the metal is S (cm²), the ratio S/R thereof is 4.5 cm²/inch or more.
6. A tire wheel assembly as claimed in any one of claims 1 to 5, wherein the bonded surfaces are composed of surfaces in the substantially axial direction and surfaces in the substantially radial direction.